CLAIMS:

1. Battery operated user equipment for use in a radio telecommunications network, including means for monitoring the state of charge of the battery and means for communicating state of charge data to a base station.

2. User equipment as claimed in claim 1, including a data store and means for configuring the equipment to receive files automatically and store them in the data store, or to retrieve files from the data store and transmit them, without activating any sounder or vibrator for alerting the user.

3. User equipment as claimed in claim 2, including means for monitoring the available data storage capacity of the data store and for communicating available storage capacity data to the base station.

4. User equipment as claimed in claim 2, including means for estimating which one of a plurality of available physical channels would best conserve battery charge, and for signalling the identity of that channel to the base station during call set up.

5. A radio telecommunications network including user equipment as claimed in claim 2, further including means for estimating whether the state of charge of the battery and/or the available data storage capacity is/are sufficient to allow reception or transmission of each file, with or without a predetermined reserve, and for denying reception or transmission if the state of charge or the available data storage is insufficient.

6. A method of operating battery operated user equipment in a radio telecommunications network, comprising monitoring the state of charge of the battery and communicating state of charge data to a base station.

7. A method as claimed in claim 6, including configuring the equipment to receive files automatically and store them in a data store, or to retrieve files from the data store and transmit them, without activating any sounder or vibrator for alerting the user.

8. A method as claimed in claim 7, including means for monitoring the available data storage capacity of the data store and for communicating available storage capacity data to the base station during call set up.

9. A method as claimed in claim 7, including estimating which one of a plurality of available physical channels would best conserve battery charge, and signalling the identity of that channel to the base station during call set up.

10. A method of operating a radio telecommunications network including operating user equipment in accordance with claim 2, and further including estimating whether the state of charge of the battery and/or the available data storage capacity is/are sufficient to allow reception or transmission of each file, with or without a predetermined reserve, and denying reception or transmission if the state of charge or the available data storage is insufficient.

11. A computer program for carrying out all the steps of a method as claimed in claim 6.

12 A radio telecommunications network including battery operated user equipment, which equipment includes means for monitoring the state of charge of the battery; a data store; means for configuring the equipment to receive files automatically and store them in the data store, or to retrieve files from the data store and transmit them; and means for monitoring the available data storage capacity of the data store, the network including: means for estimating whether the state of charge of the battery and/or the available data storage capacity is/are sufficient to allow reception or transmission of

each file, with or without a predetermined reserve, and for denying reception or transmission if the state of charge or the available data storage is insufficient.